The Joint Multinational Readiness Center

"The Army's Center of Excellence for Coalition Training"

COL Thomas S. Vandal
Commander, Operations Group

JMRC Transformation

JMRC Pillars

Multinational Training

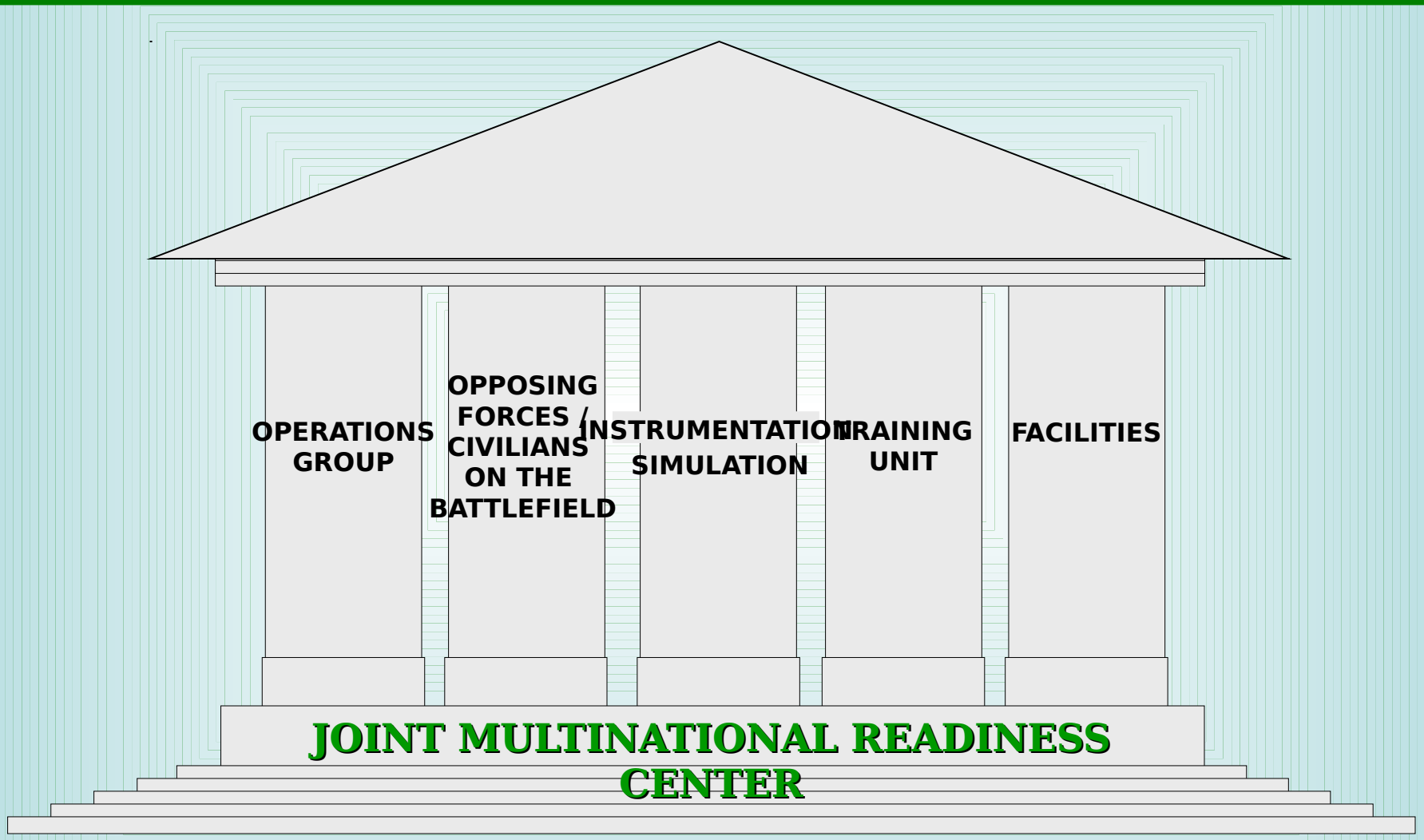
Supporting Operation Enduring Freedom

Live-fire Transformation

Training Leaders First

“You Can’t Stop Me” Video

Transformation to an Exportable Training Capability (ETC)



JMRC

Ready, Relevant, Transforming

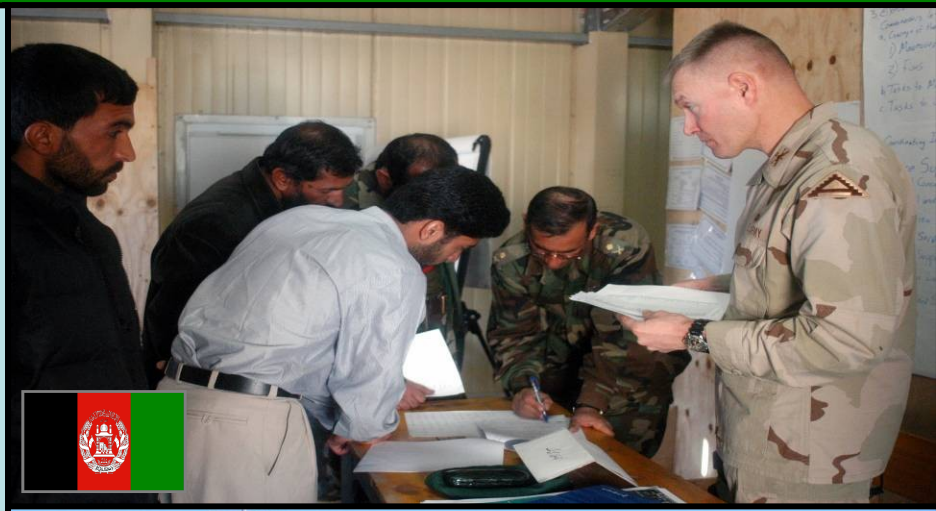
"Center of Excellence for Coalition Training"

Multinational Training

- Coalition Integration into each rotation
- O/C/T Exchanges
  Germany, Poland, Estonia, Romania, Bulgaria, Czech Republic, Italy
- Observation Mentoring and Liaison Teams
  2 to 3 week training of NATO OMLTs to replace ETTs in support of ISAF
- NATO IED Defeat Training

Multinational Training

- Mobile Training Teams:
  - Afghanistan
  - SPTT ISO OIF
  - Republic of Georgia
  - ACOTA
- Theater Security Cooperation:
  - Torgau (Russia)
  - Immediate Response (Romania/Bulgaria)
  - Stable Guardian (Poland)
  - Kalev Express (Estonia)



Training US Brigades with Coalition Partners

US and Coalition Soldiers are fighting side-by-side in…

Afghanistan

- Austria
- Belgium
- Croatia
- Finland
- France
- Germany
- Hungary
- Iceland
- Ireland
- Luxembourg
- Portugal
- Slovenia
- Spain
- Sweden
- Switzerland
- Turkey

Iraq & Afghanistan

- Albania
- Azerbaijan
- Bulgaria
- Czech Republic
- Denmark
- Estonia
- F.Y.R. Macedonia
- Italy
- Latvia
- Lithuania
- Netherlands
- Norway
- Poland
- Romania
- Slovakia
- United Kingdom

Iraq

- Armenia
- Bosnia & Herzegovina
- Georgia
- Kazakhstan
- Ukraine

CJTF-76

97% of Our Coalition Partners in Afghanistan are from the EUCOM AOR

V Corps (MNC-I)

77% of Our Coalition Partners in Iraq are from the EUCOM AOR

In Our Best Intere

Coalition Training
FY 05/06/07

AFGHANISTAN
Heroic Success
OMLT I and II

06-04

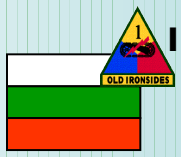
05-11, 05-12, 06-06

07-03

POLAND

07-05
OMLT I and II

KFOR 8



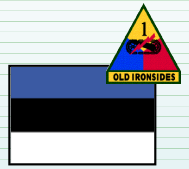
BULGARIA
IR 05/06

MTC is How We Train US Forces in Coalition Operation

OMLT I and II

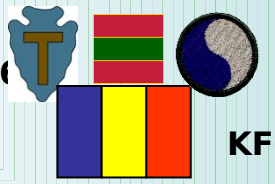
05-01
07-05

ITALY



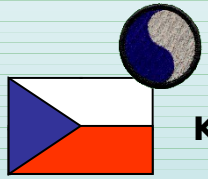
05-05, 05-06, 06-0
Kalev Express 06

ESTONIA



KFOR 7 and 8

ROMANIA



KFOR

CZECH REPUBLIC

Torgau 05

RUSSIA

Supporting Operation Enduring Freedom

ANA Integration

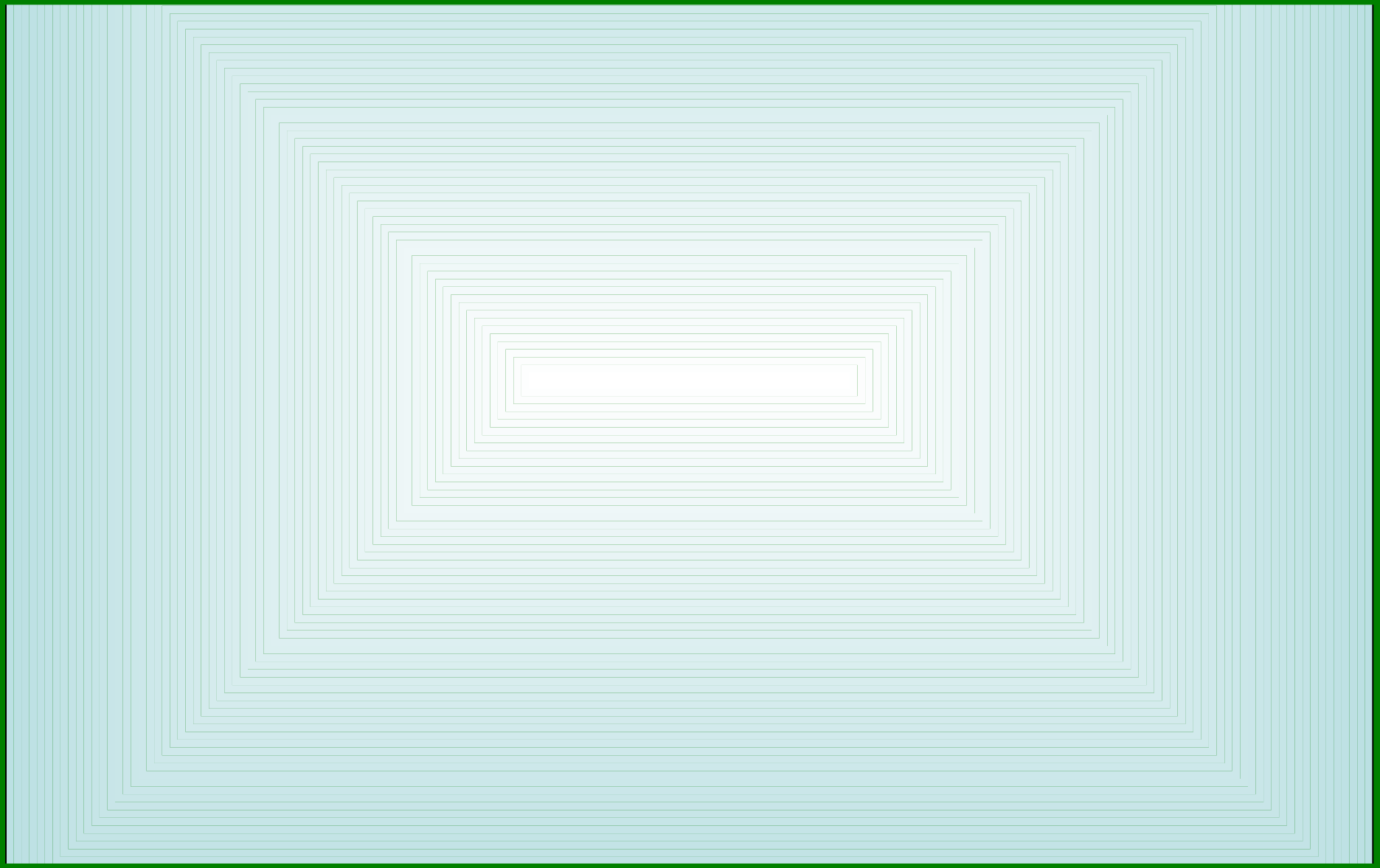
- **ANA representation at JMRC Rotations**
  - **one platoon, Kandak CMD Group and**
  - **OC's at OMLT II**

- **Cultural advice provided to civilians on the battlefield (COB's) by ANA commanders and senior NCO's**

- **SPTT / MiTT experienced OCs assist in the planning and preparation for future OEF rotations**

- **Scenarios based on information gained from OIF / OEF Recons and Unit Feedback**

OMLTII Video



The "GRAFENFELS" Complex

Missions Replicate

- War on Terror Battlefields
- Challenge of Distance
- Demands of Altitude
- Complexity of Operational Environment

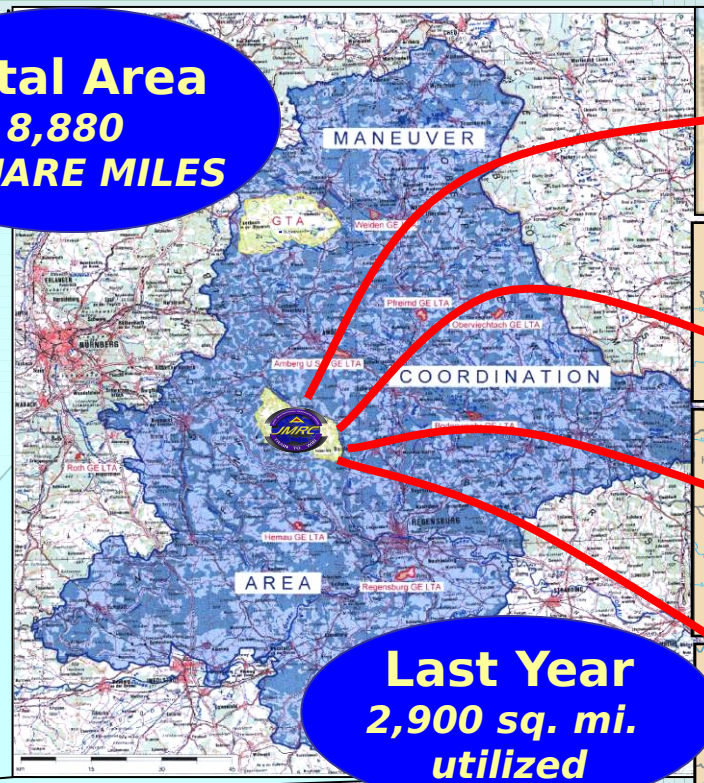
Hammelburg Training Area

- German Village: 120 buildings
- Urban live-fire site
- UN Training Center

Bad Reichenhal Alpine Training Area

JUST JMTC!

Total Area
8,880 SQUARE MILES



Last Year
2,900 sq. mi. utilized

Additional MTA Available

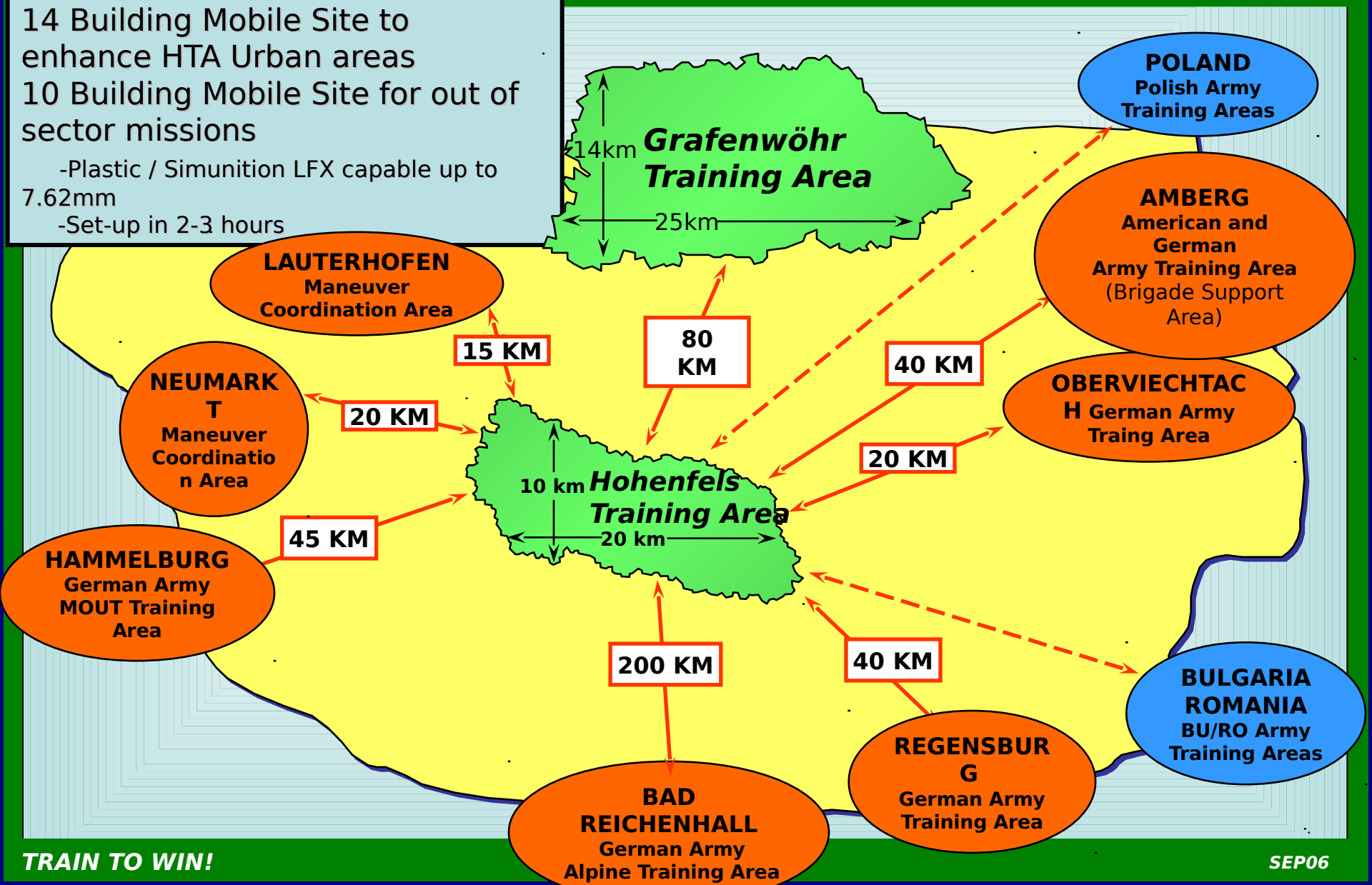
- 23 German
- 2 British
- 1 Belgian

UNCLASSIFIED

Extended Box (Lily Pad)

14 Building Mobile Site to enhance HTA Urban areas
10 Building Mobile Site for out of sector missions

-Plastic / Simunition LFX capable up to 7.62mm
-Set-up in 2-3 hours



TRAIN TO WIN!

SEP06

JMRC Rotational Infrastructure

- Large non-contiguous battle space
- High altitude training areas (Alps) (300
- Cave complexes (4)
- Multiple outlying training areas for decentralized ops
- JMRC MOUT (7/2), Urban LFX and CIED training capability
- MRX draw fleet, 248 tactical vehicles, 76 NTV's

Bad Reichenhal Alpine Training Area
German Bundeswehr Training Area

Live Fire Transformation

Live-Fire Program

Joint / Combined Arms

Realistic scenarios

Multi-echelon events

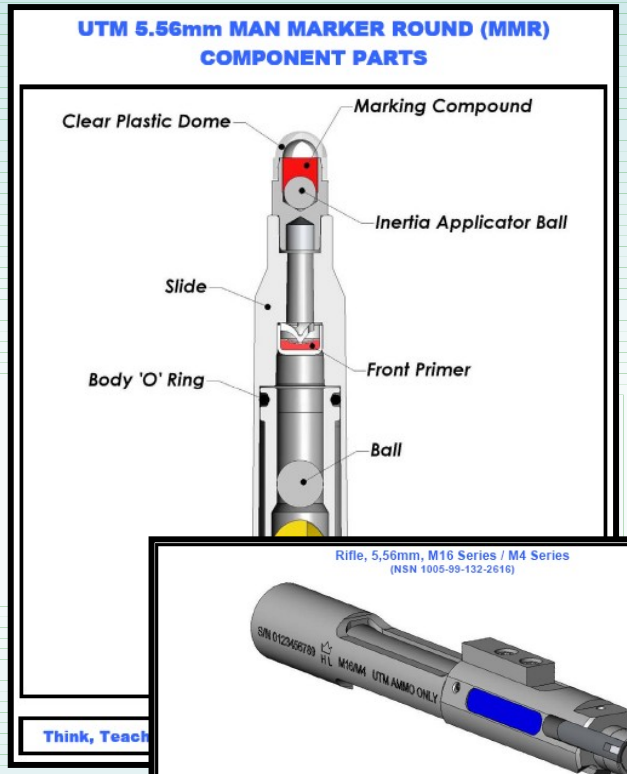
JMRC Live-fire Program Highlights

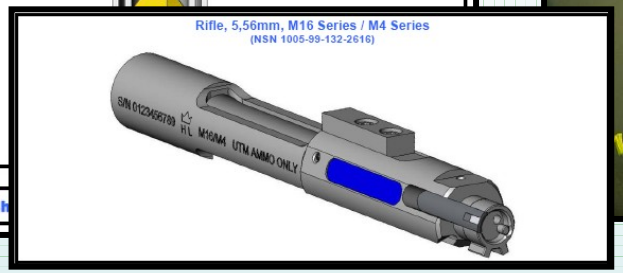
Instrumented feedback

Tailored Training Objectives

Expanded Urban Live-fire

As real as you can get™
WITH 9 MM AND .38 CAL. FX® MARKING CARTRIDGES
FX® – the world's most interactive combat training system for the ultimate level of realism!
The FX® Marking Cartridges are the core of this training system with their unique telescopic design and patented reduced-energy technology. These non-lethal rounds are fired with a weapon conversion kit for safe and reliable training.
FX®
The FX® Marking Cartridges have many impressive features:
Designed for military and law enforcement personnel
Non-toxic and non-lethal projectile
Detergent-based, water-soluble color marking compound
Choice of 6 colors: red, blue, green, orange, white and yellow
Visible impacts allow accurate assessment of simulated kinesity
Tactically accurate and ballistically matched with pal cartridges to 7.6 meters (25 feet)
Reduced noise level, no hearing protection required
Realistic recoil
No special ballistic infrastructure is required
Convenient for training any time, any
The FX® Marking Cartridges are ideal for training:
Reality-based, force-on-force





Devices no longer require soldiers to change their weapons systems (slide in bolts)

Two company team sets support training with 9mm - .50 cal ammunition in any JMRC urban site (6 villages, 1 town, 4 cave complex, 1 highway)

Realistic Targets

Manikins portray real life in the box

SAAB lifter modifications

EOF Scenarios with Friend or Foe targets

Improvised Explosive Device (IED) Live-Fire Training Area

- Combat Logistics Patrol
- 2 Km two lane divided highway
- Urban Sprawl
- Supports Air-Ground Integration, & Air Quick Reaction Force LFX

Leader Training

Mobile Training Teams

JMRC Operations Group offers a set of courses to USAREUR units to support home station training.

Resident Courses

- Close Quarters Combat (3 week)
- Urban Breach Course (2 week)

Non-Resident MTT

- CIED and CREW (1 week)
- Battle Staff Training
- OC/COB/OPFOR Academy

Close Quarters Battle

					Evaluation 6: (stress test) CQB fundamentals under combat conditions
			Urban Attack #1	Urban Attack #2	Urban Attack #3	Evaluation 5: (#1 man transition) CQB fundamentals
Week 3:		Room Clearing Practical Exercises	Room Clearing Practical Exercises			Evaluation 4: (#1 & #4 man) CQB fundamentals
Week 2:	Breaking Corners	Assault Planning Class	Room Clearing Practical Exercises			Evaluation 3: (Walking) Ability to engage while moving
Medical Aspects of Urban Operations	Urban Movement Techniques	• Building Climbing • Stairwell • Alternate Entry Points	Room Clearing Practical Exercises (center, corner, hallway, red zones)			Evaluation 2: (Transition) tests marksmanship skills
Week 1: Assault Equipment Class / Setup Equipment	CQM develops marksmanship skills	Room Clearing Class	Room Clearing Tape Drills			Evaluation 1: (M4 & Pistol) tests marksmanship skills

Test and evaluate learned skills

Building concepts / Increasingly difficult scenarios

Urban Breach

					RE-BUILD UBC SITE/ GRADUATION
		BREACHING CHARGES •Oval •Water	BREACHING CHARGES •Concrete •Fence	UBC EFFECTS PERFORMANCE Exercise/ TEST REVIEW	UBC WRITTEN EXAM/ BALLISTIC BREACHING P.E.
Week 2:	BREACHERS BRIEF/ DELIBERATE & HASTY	INRODUCTION TO BALLISTIC BREACHING	SUSPENSION CHARGES/ BREACHING •Priming system	BREACHING CHARGES •Doughnut •Window	BREACHING CHARGES •Uli knot slider •Det-cord linear
Week 1:	INTRO TO THE BREACHERS LOG BOOK	EXPLOSIVES THEORY	NET EXPLOSIVE WEIGHT (N.E.W.) & CALCULATIONS	PROTECTIVE MESSURES	MECHANICAL BREACH METHODS/ P.E.
ORIENTATION/IN BRIEF					

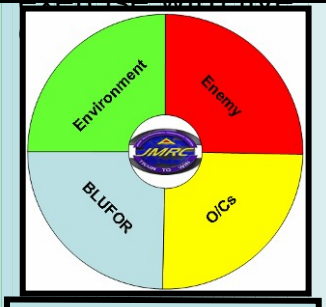
Test and evaluate learned skills

Learn and understand Urban Breaching/Explosives Theory/N.E.W./Methods of Breaching

IED / CREW MTT

IED Training MTT
(Two Parts)

- Classroom overview awareness & training
- STX Deployable Training Capability with training aids and built environment
- Additional capability to incorporate UTM or LFX exercise with live



BLU

Classroom

IED Awareness MTT

IED Awareness MTT
-Based on JIEDDO Brief
-Tailored for Multinational Forces
-Tailored based on Request
-Information Briefs
-Static Displays
-Lane Walkthroughs
-React to Contact

Current Capability

MTTs to Date:
OCT 2005 → Pakistan Train Up for MEDAC
APR 2006 → 82nd Engineers
APR 2006 → Afghanistan Train Up for Dutch Army
APR 2006 → Norwegian Training

CREW Academy

CREW Academy
-Train Unit during RSOI (2-Day POI)
-MTT prior to rotation (2-Day POI)
-T3 Scheduled for 20-21 JUN

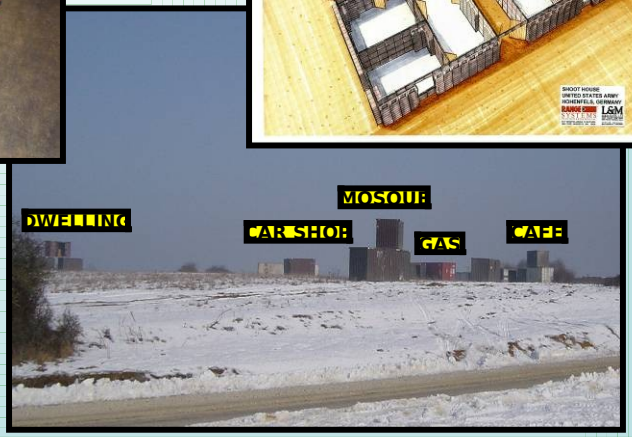
ECM Training Devices

	RED	GREEN	SSVJ	ICE	Total
Trainers	85	85	85	85	340
REAL	2	0	0	0	2

IED Lane Equipment

IED Equipment
2 x Complete IEDES sets
6 x TIED II
8 x M-IED with SAWE/MILES
2 x VBIED sets
20 x CEXE cell forensic kits
10 x Deployable Container w/EIS

Assets may be coupled with deployable MATCH facility



Battle Staff MTT

Training provided by Senior Operations Observer Controllers from JMRC (3-4 Soldiers)

- A two-day to one week course for BCT / TF level commanders and staffs
- Provides TTP for integrating and synchronizing operations in BCTs / TFs
- Based on current doctrine tempered by operational experience
  - FMI 5-0.1, FM 5-0, FM 6-0, FM 6-20-10, FM 3-13
  - Joint Forces Command Pamphlet 7 Operational Impacts of Effects Based Operations
  - Commanders Handbook for Effects Based Approach to Joint Operations

The Joint Multinational Readiness Center

"The Army's Center of Excellence for Coalition Training"

COL Thomas S. Vandal